

Claims

1. A method of identifying a plant disease-resistance gene comprising:
 - (a) providing a plant tissue sample;
 - (b) introducing by biolistic transformation into said plant tissue sample a candidate plant disease-resistance gene;
 - (c) expressing said candidate plant disease-resistance gene within said plant tissue sample; and
 - (d) determining whether said plant tissue sample exhibits a disease-resistance response, whereby a response identifies a plant disease-resistance gene.
2. A method of claim 1, wherein said plant tissue sample comprises leaf, root, flower, fruit, or stem tissue.
3. The method of claim 1, wherein said candidate plant disease-resistance gene is obtained from a cDNA expression library.
4. The method of claim 1, wherein said disease-resistance response is the hypersensitive response.